

JUN 03 2008

Attorney Docket No. P61750US1  
Application No. 10/761,237**Amendments to the claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application.

**Listing of claims:**

Claims 1-22 (cancelled).

23 (new): A method of testing blood for reaction to a substance comprising the steps of:

- selecting a cryopreserved unit dose of a blood product and a cryopreservative from among a plurality of identical cryopreserved unit doses obtained from a single or pooled sample of blood taken from a human or animal;
- thawing the cryopreserved unit dose;
- contacting the thawed, cryopreserved unit dose with the substance; and
- determining, by biological, physical, chemical, or physicochemical means, whether the unit dose reacts with the substance in an immunofunctional, toxic, or modulatory blood reaction.

24 (new): The method of claim 23 wherein the blood product comprises leukocytes.

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- 25 (new): The method of claim 23 wherein the blood product comprises whole blood.
- 26 (new): The method of claim 23 wherein the blood product further comprises clotting inhibitors.
- 27 (new): The method of claim 24 wherein the blood product further comprises clotting inhibitors.
- 28 (new): The method of claim 25 wherein the blood product further comprises clotting inhibitors.
- 29 (new): The method of claim 23 wherein the blood product further comprises diluents.
- 30 (new): The method of claim 24 wherein the blood product further comprises diluents.
- 31 (new): The method of claim 25 wherein the blood product further comprises diluents.
- 32 (new): The method of claim 26 wherein the blood product further comprises diluents.
- 33 (new): The method of claim 27 wherein the blood product further comprises diluents.
- 34 (new): The method of claim 28 wherein the blood product further comprises diluents.